

CLAIMS

1. A waste treatment information management system for collecting information on a flow of waste treatment using satellite communication, thereby enabling management of the waste treatment among a waste generating facility, a collecting/transporting company, and an intermediate treating company, and thereby rapidly preparing and providing necessary information from the information collected, wherein a two-dimensional barcode label and a cargo bill are employed in a combined manner, the cargo bill containing necessary items described therein according to the related information including the two-dimensional barcode, which has been input to a terminal for the satellite communication.

2. A waste treatment information management system according to Claim 1, wherein the two-dimensional barcode label is a label prepared in advance to indicate a two-dimensional barcode representative of data regarding a collection place and a generation place and attached to a container for wastes under special control or a waste transporting vehicle.

3. A waste treatment information management system using a communication satellite according to Claim 2, wherein data of measured weight of said container or said waste transporting vehicle is input together with the information of the two-dimensional barcode.

4. A waste treatment information management system according to any one of Claims 1, 2 and 3, wherein the two-dimensional barcode label includes a mark positioned near the two-dimensional barcode and representing the wastes under special control.

5. A waste treatment information management system according to any one of Claim 4, wherein said mark representing the wastes under special control is a mark representing infectious wastes.

6. A waste treatment information management system according to any one of Claim 5, wherein said mark representing the wastes under special control is a bio-hazard mark.

7. A system for managing dynamic situations of wastes using a two-dimensional barcode, the system comprising position measuring means for measuring a position of a waste transporting vehicle transporting the wastes, and monitoring means for monitoring a transport state of a waste transporting vehicle based on the position measured by said position measuring means, wherein when the position measuring means measures the position of the waste transporting vehicle transporting the wastes, the monitoring means monitors the transport state of said waste transporting vehicle based on the measured position, thereby managing travel situations of said waste transporting vehicle and arrival to a disposal site in real time in a centralized manner.

8. A waste treatment information management system according to Claim 7, further comprising monitoring means provided in the disposal site for monitoring said waste transporting vehicle.

9. A waste treatment information management system according to any one of Claims 7 and 8, wherein said monitoring means provided in the disposal site for monitoring said waste transporting vehicle comprises an ID tag attached to said waste transporting vehicle and an ID tag reader provided in an access passage to the disposal site.

10. A waste treatment information management system according to any one of Claims 7 to 9, further comprising an opening/closing gate

which is opened and closed in accordance with a result of reading said ID tag.